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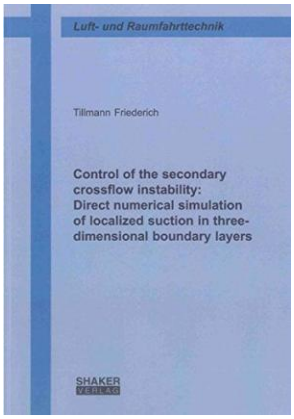

Shaker Verlag Aug 2013, 2013. Buch. Book Condition: Neu. Neuware - Transition control by localized 'pinpoint' suction in a three-dimensional boundary- layer flow with crossflow is investigated by means of direct numerical simulation. The control of large-amplitude steady crossflow vortices with active secondary instability constitutes hereby an alternative promising possibility to maintain laminar flow on relevant regions of airliner wings (active laminar flow control) resulting in a significant reduction of drag and thus also of greenhouse gas emissions. Up to...

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- Authored by Tillmann Friederich
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